NEW CASTLE COUNTY

REFERENCE TIDE GAUGE - REEDY POINT

The Reedy Point tide gauge is located in New Castle County at the east end of the Chesapeake and Delaware Canal.

High tide at the north end of New Castle County occurs about 1 hour later than the high tide at Reedy Point. Low tide is around 1½ hours later.

High tide at the south end of New Castle County occurs about 1¼ hours earlier than the high tide at Reedy Point. Low tide is also around 1¼ hours earlier.

New Castle County

In the minor range:

A number of locations along DE Route 9 from the city of New Castle to the Kent County line flood. The list includes:

Flooding occurs along The Strand in New Castle.

In the city of New Castle (particularly the Dobbinsville section) some streets flood as a result of water backing up into tidal streams.

Flooding occurs along the section of DE Route 9 just to the south of the city of New Castle.

Flooding occurs around the approaches to the DE Route 9 bridge over the Red Lion Creek.

In Delaware City some streets flood as a result of water backing up into tidal streams.

Flooding occurs in Delaware City around the 5th Street bridge.

Flooding begins in Port Penn, Augustine Beach and Bay View Beach.

Flooding occurs around the approaches to the DE Route 9 bridge over the Appoquinimink River.

In the moderate range:

Flooding occurs along East 12th Street in Wilmington.

Flooding occurs along the south bank of the Christina River in Wilmington.

Flooding occurs where the Red Clay Creek, the White Clay Creek and the Christina River meet. The area is just to the west and northwest of the New Castle County Airport and it includes the communities of Christiana, Glenville and Stanton.

Flooding occurs along the Appoquinimink River in Odessa.

Data Acquisition

In order to access data from the Reedy Point gauge, use the National Ocean Service web site at http://tidesonline.nos.noaa.gov/.

REFERENCE TIDE GAUGE - REEDY POINT

The tide heights from actual events referenced in the following table are those that were verified by the National Ocean Service. They may vary slightly from figures found in other National Weather Service publications.

THE PERIOD OF RECORD FOR THE REEDY POINT GAUGE BEGINS IN JULY 1976. PLEASE NOTE THAT THERE ARE GAPS WITHIN THE PERIOD OF RECORD DUE TO EQUIPMENT OUTAGES AND/OR DATA AVAILABILITY.

ALL HEIGHTS ARE IN MEAN LOWER LOW WATER (**MLLW**).

9.2 FT — MAJOR TIDAL FLOODING BEGINS.
April 16, 2011 / December 21, 2012.
9.1 FT — October 30, 2012 (Post Tropical Cyclone Sandy).
8.9 FT — October 25, 1980.
8.7 FT — September 19, 2003 (Hurricane Isabel).
8.3 FT — December 11, 1992 / November 28, 1993 / May 12, 2008.
8.2 FT — MODERATE TIDAL FLOODING BEGINS.
7.2 FT — MINOR TIDAL FLOODING BEGINS.

-1.8 FT — BLOWOUT TIDE.
-2.8 FT — November 7, 1987 / November 14, 2003 / March 9, 2005 / February 5, 2007.
-2.9 FT — December 22, 1976 / December 10, 1977 / January 16, 1992.
-3.0 FT — December 7, 1983.
-3.1 FT — February 8, 1985 / January 3, 2010.
-3.2 FT — March 14, 1993.
-3.3 FT — December 4, 1980 / February 5, 1995.
-3.4 FT — January 15, 2006 / March 6, 2007.
-3.5 FT — February 25, 1990.
-3.6 FT — March 8, 1996.
-3.8 FT — November 21, 1989.
-4.0 FT — April 7, 1982.

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